

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



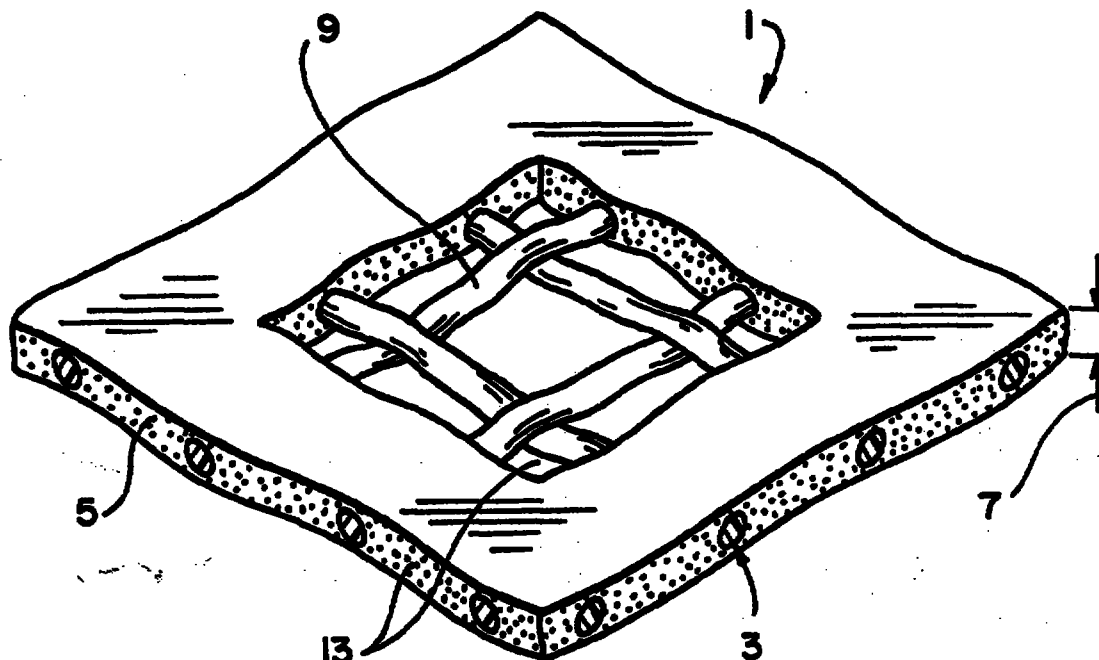
RTMP

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H01C		A2	(11) International Publication Number: WO 96/02922
			(43) International Publication Date: 1 February 1996 (01.02.96)
(21) International Application Number: PCT/US95/08683		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, <u>SG</u> , SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).	
(22) International Filing Date: 11 July 1995 (11.07.95)			
(30) Priority Data: 08/275,947 14 July 1994 (14.07.94) US			
(71) Applicant (for all designated States except US): ORYX TECHNOLOGY CORPORATION [US/US]; 47341 Bayside Parkway, Fremont, CA 94538 (US).			
(72) Inventors; and (75) Inventors/Applicants (for US only): SHRIER, Karen, P. [US/US]; 42986 Noria Road, Fremont, CA 94539 (US). BEHLING, Gerald, R. [US/US]; 15109 Nob Hill Drive, San Jose, CA 95127 (US). JOSHI, Kailash, C. [US/US]; 1593 Pebble Beach Court, Milpitas, CA 95117 (US). ALSTON, William, W., Jr. [US/US]; 1024 Thistle Court, Sunnyvale, CA 94086 (US).			
(74) Agent: DILLAHUNTY, T., Gene; Burns, Doane, Swecker & Mathis, P.O. Box 1404, Alexandria, VA 22313-1404 (US).			
		Published Without international search report and to be republished upon receipt of that report.	

SG 9700366-9

(54) Title: VARIABLE VOLTAGE PROTECTION STRUCTURES AND METHODS FOR MAKING SAME



(57) Abstract

A variable voltage protection component in accordance with this invention comprises a reinforcing layer of insulating material having a substantially constant thickness embedded in a voltage variable material. With this configuration, the reinforcing layer defines a uniform thickness for the variable voltage protection component that is resist to compressive forces that may cause a reduction in the clamp voltage or a short in the voltage variable material. In addition, the variable voltage protection component can be attached to a compressible ground plane to form a variable voltage protection device. Methods are provided for making the variable voltage protection component and device.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	GB	United Kingdom	MR	Mauritania
AU	Australia	GE	Georgia	MW	Malawi
BB	Barbados	GN	Guinea	NE	Niger
BE	Belgium	GR	Greece	NL	Netherlands
BF	Burkina Faso	HU	Hungary	NO	Norway
BG	Bulgaria	IE	Ireland	NZ	New Zealand
BJ	Benin	IT	Italy	PL	Poland
BR	Brazil	JP	Japan	PT	Portugal
BY	Belarus	KE	Kenya	RO	Romania
CA	Canada	KG	Kyrgyzstan	RU	Russian Federation
CF	Central African Republic	KP	Democratic People's Republic of Korea	SD	Sudan
CG	Congo	KR	Republic of Korea	SE	Sweden
CH	Switzerland	KZ	Kazakhstan	SI	Slovenia
CI	Côte d'Ivoire	LI	Liechtenstein	SK	Slovakia
CM	Cameroon	LK	Sri Lanka	SN	Senegal
CN	China	LU	Luxembourg	TD	Chad
CS	Czechoslovakia	LV	Latvia	TG	Togo
CZ	Czech Republic	MC	Monaco	TJ	Tajikistan
DE	Germany	MD	Republic of Moldova	TT	Trinidad and Tobago
DK	Denmark	MG	Madagascar	UA	Ukraine
ES	Spain	ML	Mali	US	United States of America
FI	Finland	MN	Mongolia	UZ	Uzbekistan
FR	France			VN	Viet Nam
GA	Gabon				

9700366-9